

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph that begins on line 10 of page 2 as follows:

-- An upper surface of the rotor 20 is in close contact with the distribution plate 10 having the plurality of openings 12. Some of the openings 12 formed on the distribution plate 10 correspond to the inlet opening 22 of the rotor 20 and the remainder of the openings 12 correspond to the outlet opening 24 of the rotor 20, thus providing inlet and outlet process gas flow paths, respectively. In other words, the openings 12 of the rotor 20 guide process gases passing through the inlet opening 22 to the heat exchanging part 50 and guide the process gases, which are burned after passing through the heat exchanging part 50, to the outlet opening ~~50~~ 24 of the rotor 20. A partitioning unit (not shown) is provided between the heat exchanging part 50 and the distribution plate 10 to prevent the inlet process gases and the burned process gases from mixing with each other. --

Please amend the paragraph that begins on line 5 of page 13 as follows:

-- FIG. 5 is a perspective view to show the construction of the cylinder type distribution rotor 300 used in the second embodiment. The rotor 300 shown in FIG. 5 has a ~~larger~~ larger diameter and a lower height than the rotor of the first embodiment shown in FIG. 3. However, process gases are drawn from a lower end of the rotor and discharged through an upper end of the rotor in the same manner as that described for the rotor shown in FIG. 3. --